

and DC, such that when said electromagnetic transducer is powered by DC current it will desensitize magnetic security markers that are moved past said transducer, and when said electromagnetic transducer is powered by AC current it will sensitize magnetic security markers that are moved past said electromagnetic transducer.

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CLAIM 12. The device of **CLAIM 11** wherein said electromagnetic is comprised of two (2) electromagnetic coils and a core.

CLAIM 13. The device of **CLAIM 11** wherein the core is comprised of 36 sheets of .012" thick 3% grain oriented silicon sulfide transformer steel that are laminated together.

CLAIM 14. The device of **CLAIM 13** wherein the intensifier blocks are comprised of 32 sheets of 14 mil transformer steel that are laminated together.

CLAIM 15. The device of **CLAIM 14** wherein the cross-section of the intensifier blocks is that of a half-trapezoid.

CLAIM 16. The device of **CLAIM 11** wherein the electromagnetic transducer produces a flux having a depth of 2 inches, a width equal to the width of

the transducer and a flux density no greater than 700 gauss.

CLAIM 17. The method of desensitizing or sensitizing a magnetic security marker attached to books or videos by an electromagnetic transducer workstation comprising the steps of:

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- a) switching the power to the transducer to direct current;
- b) emitting electromagnetic flux in a range of 2 inches or less, and of a maximum flux density of 700 gauss;
- c) moving the marker in translational movement by the workstation and the transducer and its emitted flux to desensitize the marker;
- d) switching the power to the transducer to alternating current;
- e) emitting electromagnetic flux in a range of 2 inches or less and of a maximum 700 gauss;
- f) moving the marker in translational movement by the workstation and transducer to sensitize the marker wherein the desensitizing/sensitizing procedure is accomplished without damage to videos because of the short range and low flux/density.

CLAIM 18. An apparatus or workstation for desensitizing or sensitizing

electromagnetic markers attached to books or videos comprising:

a) a housing comprised of a base, a cover, and a magnet housing;

b) an electromagnetic transducer secured to the base and the housing

in position to emit electromagnetic flux through the wall of the magnetic housing, said

electromagnetic transducer including a magnet, that is comprised of a core and two (2)

coils of concentrically wound wire, and a pair of intensifier blocks, forward of the

magnet, which focus the flux created by the magnet into a small space through said

wall;

c) electronic circuitry to power the electromagnetic transducer with direct

current or alternating current;

d) switch means to shift the power to the electromagnetic transducer

between AC and DC current, such that, when said electromagnetic transducer is powered

by DC current it will desensitize magnetic security markers that are moved past said

housing and said transducer, and when said electromagnetic transducer is powered by AC

current, it will sensitize magnetic security markers that are moved past said housing and electromagnetic transducers.

CLAIM 19. The apparatus of **CLAIM 18** wherein the transducer produces a flux having a depth of 2 inches, a width equal to the width of the transducer, and a flux density no greater than 700 gauss, wherein the desensitizing/sensitizing procedure is accomplished without damage to videos because of the short range and low flux density.

CLAIM 20. The apparatus of **CLAIM 19** wherein the flux that is created by the magnet is focused between the intensifier blocks through the face of the housing into the magnetic security mark which moves translationally across the path of the flux.

REMARKS

Reconsideration of the Application as amended is respectfully requested. By this Amendment, Applicants have rewritten their Claims to better define their Invention to more particularly overcome the technical rejections and to define the Invention over the prior art.

Applicants have corrected the Specification to supply the missing Figure Number 2 on page 12.